

**Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Student Edition and Worktext****9780554014050**

The Kentucky [Course 3] Student Edition, along with its Kentucky Mathematics Worktext, are a one year course for Grade [8] Math that focuses on the Kentucky Combined Curriculum for Grade [8] Mathematics. The package includes a print textbook and a print workbook, a system that provides in-depth coverage of the Combined Curriculum to help improve students' comprehension and test scores.

Additional Teacher Edition Listed on TE Spreadsheet

Contract Price

\$62.65

Grade

8

TYPE

P2

Copyright

2010

Author

Bennett, et. al.

Edition

1st

Content

Math grade 8

Readability

8.1 with technical words/6.8 without technical words Dale

Accessibility

Nimas MathML

Research

Contact sales representative for assistance

## Teacher Edition

9780554003672	\$10.00
Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Mathematics Worktext Teacher's Guide	
9780554002460	\$96.75
Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Teacher's Edition	

## Essential Items

9780554002477	Nimas MathML	\$10.00
Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Mathematics Worktext		
9780554003658	Nimas MathML	\$62.40
Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Student Edition		

## Ancillary Items

9780554019826	\$674.50
Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Student One Stop™ [CD-ROM] (set of 25)	

## Free with Purchase items

9780030397394	Scanner	
Upon request, One Scanner with a minimum purchase of 300 student edition and worktexts, Limit One		
9780030397394	Scanner	
Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase		
9780030430541	LCD Projector	
Upon request, choice of one(1) Technology Equipment for every 75 Student Edition and worktext		
9780030662737	Holt Mathematics, Classroom Manipulatives Kit	\$641.55
Upon request, One Manipulative Kit per 75 student edition and worktext purchased, initial year of		
9780030671173	Electronic Student Response System	
Upon request, One Electronic Student Response System with a minimum purchase of 300 student		
9780030671173	Electronic Student Response System	
Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase		
9780030686283	Holt Mathematics, Teacher's Manipulatives Kit	\$226.40
Upon request, one per teacher, year of purchase.		
9780030781469	Holt Mathematics Courses 1–3, Are You Ready? Intervention and	\$49.95
Upon request, one per teacher, year of purchase.		
9780030781469	Holt Mathematics Courses 1–3, Are You Ready? Intervention and	\$49.95
Upon request, one per teacher, year of purchase.		
9780030781476	Holt Mathematics Courses 1–3, Multilingual Glossary	\$22.40
Upon request, one per teacher, year of purchase.		
9780030783586	Holt Mathematics Course 3, Transparencies [CD-ROM]	\$39.95
Upon request, one per teacher, year of purchase.		
9780030783586	Holt Mathematics Course 3, Transparencies [CD-ROM]	\$39.95
Upon request, one per teacher, year of purchase.		
9780030783593	Holt Mathematics Course 3, Actividades de apoyo familiar	\$17.95
Upon request, one per school, year of purchase; on an as needed basis.		
9780030783616	Holt Mathematics Course 3, Alternate Openers: Explorations	\$141.60
Upon request, one per teacher, year of purchase.		
9780030783623	Holt Mathematics Course 3, Are You Ready? Intervention and	\$63.20
Upon request, one per teacher, year of purchase.		
9780030783630	Holt Mathematics Course 3, Assessment Resources [with Answers]	\$53.00
Upon request, one per teacher, year of purchase.		

**Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Student Edition and Worktext**

9780030784071	Holt Mathematics Course 3, Chapter Resources (contains 14 resource)	\$296.75
Upon request, one per teacher, year of purchase.		
9780030784095	Holt Mathematics Course 3, Countdown to Testing Transparencies	\$42.80
Upon request, one per teacher, year of purchase.		
9780030784590	Holt Mathematics Course 3, ¿Estás listo? Intervención y	\$63.20
Upon request, one per school, year of purchase; on an as needed basis.		
9780030784613	Holt Mathematics Course 3, ¿Listo para seguir? Intervención y	\$34.60
Upon request, one per school, year of purchase; on an as needed basis.		
9780030784620	Holt Mathematics Course 3, Family Involvement Activities [with	\$18.30
Upon request, one per teacher, year of purchase.		
9780030784637	Holt Mathematics Course 3, Hands-On Lab Activities [with Answers]	\$18.30
Upon request, one per teacher, year of purchase.		
9780030784644	Holt Mathematics Course 3, Homework and Practice Workbook	\$1.50
Upon request, one per teacher, year of purchase.		
9780030784668	Holt Mathematics Course 3, Homework and Practice Workbook	\$10.15
Upon request, one per teacher, year of purchase.		
9780030784675	Holt Mathematics Course 3, IDEA Works! Special Education CD-ROM	\$39.95
Upon request, one per teacher, year of purchase.		

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9780554014050		Publisher - Holt McDougal, A Division of Houghton Mifflin Harcourt Publishing Company	
	Holt McDougal Mathematics Course 3: Pre-Algebra, Kentucky Student Edition and Worktext			
	Type - P2	Author - Bennett, et. al.		
	Copyright - 2010	Edition - 1st	Readability - 8.1 with technical words/6.8 without technical words, Dale Chall score	
	Course - Math grade 8		Grade(s) - 8	
	Teacher Edition ISBN if applicable ..... 9780554002460			
Provided by the Publisher				

**Overall Recommendation:**

**Recommended as BASAL**

**Overall Strengths, Weaknesses, Comments:**

if this box is not checked, the evaluators have  
chosen NOT recommend as basal

**It would be nice to see the valuable supplemental materials embedded more into the textbook. Many of these resources would be greatly utilized better there.**

NIMAC Accessibility NML  
Ancillary Yes  
Free with Purchase Yes  
Research Yes Contact sales representative for assistance

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**CRITERIA**

This basal resource ...

**A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

**1) Includes the 5 Big Ideas of mathematics to the following extent:**

<b>a) Number Properties and Operations</b>	Strong Evidence
<b>b) Measurement</b>	Strong Evidence
<b>c) Geometry</b>	Strong Evidence
<b>d) Data Analysis and Probability</b>	Strong Evidence
<b>e) Algebraic Thinking</b>	Strong Evidence

**2) Addresses content-specific enduring understandings from the** Strong Evidence

<b>related Program of Studies standards.</b>	
<b>3) Addresses content-specific skills and concepts from the related Program of Studies standards.</b>	Moderate Evidence
<b>4) Content addressed is current, relevant and non-trivial</b>	Strong Evidence
<b>5) Provides opportunities for critical thinking/reasoning</b>	Strong Evidence
<b>6) Strengths, Weaknesses, Comments:</b> <ul style="list-style-type: none"> <li>• Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>• Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul> <p>The textbook does not mention gaps and clusters during the discussion of data; when determining theoretical probabilities, area models are not used nor are probabilities expressed as decimals. In the geometry portion of the textbook, rotational symmetry is not covered with 45 and 270 degrees; textbook is not explicit with shape and area being conserved during transformations.</p> <p>Textbook had application of measurement throughout and focused heavily on appropriateness of graph and sample choice.</p>	

<b>B. Functionality &amp; Suitability</b>	<b>Strong Evidence</b>
<b>1) Suitability</b> <ul style="list-style-type: none"> <li>• Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>	<b>Strong Evidence</b>
<b>2) Content quality</b> <ul style="list-style-type: none"> <li>• Free from factual errors</li> <li>• Content is presented conceptually when possible—more than a mere collection of facts</li> <li>• Content included accurately represents the knowledge base of the discipline</li> <li>• Theories/scientific models contained represent a broad consensus of the scientific community</li> <li>• Interconnections among mathematical topics</li> </ul>	<b>Strong Evidence</b>
<b>3) Connections to Literacy</b> <ul style="list-style-type: none"> <li>• Employs a variety of reading levels and is grade/level appropriate</li> <li>• Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.</li> <li>• Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>• Student text provides opportunity to integrate reading and writing</li> <li>• Uses vocabulary that is age and content appropriate</li> <li>• Focuses on critical vocabulary vs. extensive lists</li> <li>• Identifies key vocabulary through definitions in both text and glossary</li> <li>• The text is engaging and facilitates learning</li> <li>• Embedded activities enhance the understanding of the text</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p>	<b>Strong Evidence</b>

**4) Connections to Technology** **Strong Evidence**

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

**5) Support for Diverse Learners** **Moderate Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

**6) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Connections to technology are rich in data section, many opportunities for graphing data on graphing calculators and using spreadsheets.

Textbook purchase does not include the resources for reteaching and enrichment that struggling students may need to be successful.

**C. Supports Inquiry and Skill Development** **Strong Evidence**

**1) Promotes Inquiry, research and Application of Learning** **Strong Evidence**

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

**2) Skill Development** **Moderate Evidence**

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

Textbook does not always include the basic skills in the lesson and teacher would have to supplement concepts being taught by using the Skills Bank at the end of the text.

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<b>D. Supports Best Practices of Teaching and Learning</b>	<b>Strong Evidence</b>
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**1) Engages Students**

Moderate Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

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**2) Uses Assessment to Inform Instruction**

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

The textbook would be more beneficial for students if there were opportunities to self assess and then reference back to sections where content was missed.

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<b>E. Has an Organization/ Format that Supports Learning and Teaching</b>	<b>Strong Evidence</b>
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**1) Organizational Quality**

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual

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manipulatives) as either student or teacher resources

- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Moderate Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Essential components does not include resources for enrichment, intervention, etc. These items are included with the free materials after purchase.

The layout of the textbook flowed easily for instructional purposes.

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**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

**Strong Evidence**

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**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

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**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Notetaking resource book and video would greatly benefit the struggling student or the student who misses initial instruction.

Lab notebook accompanies the discoveries labs in the textbook; includes intervention and enrichment workbooks for reteaching.

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